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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2019-02-11-22** **Date: 06-09-2019**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	03-09-2018
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 (Part 1,2 3,4,5, 6,11):1988 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6
Date of test	:	04-09-2019
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.95	–
2	Finess by Air permeablity method (m^2/kg,Min)	285.4	225m^2/kg, Min
3	Density (gm/cc)	3.12	–
4	Standard Consistency (%)	29.5%	Not specified
5	Initial Setting time	145 minutes	Not less than 30 minutes
6	Final Setting time	240 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

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Samples will be disposed after 90 days from the date of issue of test certificate

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Authorized Signatory
Quality Manager

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Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	CP-2019-02-11-22
Date: 03-10-2019		
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	03-09-2018
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6
Date of test	:	04-09-2019
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Compressive Strength

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	28.5N/mm^2	Not less than 27 N/mm^2
2	7 Days	39.0N/mm^2	Not less than 37 N/mm^2
3	28 Days	55.0N/mm^2	Not less than 53 N/mm^2

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Page 1/1
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Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2019-02-11-22** **Date: 06-09-2019**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	03-09-2018
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	03-09-2019

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	244	244	1.6	98.4	90-100
3	20 mm	5432	5676	37.8	62.2	30-70
4	10 mm	4332	10008	66.7	33.3	10-35
5	4.75 mm	4654	14662	97.7	2.3	0-5
6	Pan	338	15000	100.0	0	---

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TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2019-02-11-22** **Date: 05-09-2019**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	03-09-2018
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	03-09-2019

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	245	245	4.9	95.1	90-100
3	10 mm	2560	2805	56.1	43.9	25-55
4	4.75 mm	2033	4838	96.8	3.2	0-10
5	Pan	162	5000	100	0	-

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TEST REPORT OF FINE AGGREGATE

Lab ID	:	**CP-2019-02-11-22** **Date: 05-09-2019**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	03-09-2018
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	03-09-2019
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	21	21	2.1	97.9	90-100	90-100	90-100	95-100
3	2.36 mm	185	206	20.6	79.4	60-95	75-100	85-100	95-100
4	1.18 mm	201	407	40.7	59.3	30-70	55-90	75-100	90-100
5	600 micron	168	575	57.5	42.5	15-34	35-59	60-79	80-100
6	300 micron	229	804	80.4	19.6	5-20	8-30	12-40	15-50
7	150 micron	153	957	95.7	4.3	0-10	0-10	0-10	0-15
8	Pan	43	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2019-02-11-22 **Date: 03/10/2018**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-09-2018
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	03/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	26/09/2018	03/10/2018	150.28 X 150.06 X 149.79	22550	8.974	409.1	18.1	18.4
2	Drain Bottom Slab Concrete	M20	26/09/2018	03/10/2018	151.22 X 150.62 X 150.32	22776	8.517	416.7	18.3	
3	Drain Bottom Slab Concrete	M20	26/09/2018	03/10/2018	150.93 X 149.43 X 149.91	22554	8.952	420.7	18.7	

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro BANGALORE Sig Date

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-02-11-22 Date: 24/10/2018

Customer : Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.

Address : Yelahanka Sub Division, BBMP, Bangalore.

Project Name : Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.

Agency : Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64

Customer's Reference : EE(YNK.D)E-PMT-19/WO/38/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 28-09-2018

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 24/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	26/09/2018	24/10/2018	151.94 X 151.36 X 149.82	22997	8.343	547.0	23.8	23.3
2	Drain Bottom Slab Concrete	M20	26/09/2018	24/10/2018	150.18 X 149.68 X 151.37	22479	8.861	513.9	22.9	
3	Drain Bottom Slab Concrete	M20	26/09/2018	24/10/2018	151.72 X 150.79 X 149.37	22878	8.320	530.2	23.2	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2019-02-11-22** **Date: 03/10/2018**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-09-2018
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 03/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	26/09/2018	03/10/2018	149.25 X 150.09 X 149.97	22402	8.395	422.0	18.8	18.7
2	Drain Bottom Slab Concrete	M20	26/09/2018	03/10/2018	149.96 X 149.66 X 150.39	22443	8.090	409.4	18.2	
3	Drain Bottom Slab Concrete	M20	26/09/2018	03/10/2018	149.33 X 149.92 X 149.53	22388	8.424	423.3	18.9	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-02-11-22 **Date: 24/10/2018**

Customer : Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.

Address : Yelahanka Sub Division, BBMP, Bangalore.

Project Name : Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.

Agency : Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64

Customer's Reference : EE(YNK.D)E-PMT-19/WO/38/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 28-09-2018

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 24/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Drain Bottom Slab Concrete	M20	26/09/2018	24/10/2018	149.60 X 150.74 X 151.07	22550	8.741	533.8	23.7	23.1
2	Drain Bottom Slab Concrete	M20	26/09/2018	24/10/2018	149.26 X 150.03 X 151.12	22393	8.203	493.6	22.0	
3	Drain Bottom Slab Concrete	M20	26/09/2018	24/10/2018	149.98 X 150.42 X 149.58	22559	8.553	531.0	23.5	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2019-02-11-22 **Date: 31/10/2018**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-10-2018
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	31/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	03/10/2018	31/10/2018	150.91 X 150.52 X 149.13	22714	8.485	541.9	23.9	23.0
2	Drain Side Wall Concrete	M20	03/10/2018	31/10/2018	151.86 X 151.75 X 150.09	23046	8.050	508.4	22.1	
3	Drain Side Wall Concrete	M20	03/10/2018	31/10/2018	150.69 X 151.24 X 150.57	22790	8.812	524.3	23.0	

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Page 1/1
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 10/10/2018

Lab ID	:	**CP-2019-02-11-22**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-10-2018
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	10/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	03/10/2018	10/10/2018	150.92 X 150.08 X 150.28	22650	8.511	427.3	18.9	18.5
2	Drain Side Wall Concrete	M20	03/10/2018	10/10/2018	149.25 X 149.16 X 151.61	22262	8.905	403.8	18.1	
3	Drain Side Wall Concrete	M20	03/10/2018	10/10/2018	151.07 X 150.31 X 149.46	22707	8.097	422.7	18.6	

Note:
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro BANGALORE Sig Date

****End of Report****

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 31/10/2018

Lab ID	:	CP-2019-02-11-22
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-10-2018
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	31/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	03/10/2018	31/10/2018	149.72 X 151.16 X 149.44	22632	8.378	526.2	23.3	22.9
2	Drain Side Wall Concrete	M20	03/10/2018	31/10/2018	150.75 X 149.44 X 150.09	22528	8.342	505.9	22.5	
3	Drain Side Wall Concrete	M20	03/10/2018	31/10/2018	149.43 X 150.81 X 151.95	22536	8.791	520.3	23.1	

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID	:	**CP-2019-02-11-22** **Date: 11-09-2018**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	10-09-2018
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	10-09-2018

SLNo	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.396	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.618	528	672	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.889	544	668	20.0%	Satisfactory	Satisfactory

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Page 1/1
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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Date: 18-09-2018

Lab ID	:	CP-2019-02-11-22
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	14-09-2018
Sample Type /Size	:	Precast Cover Slab
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	14/09/2018

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.53	100.48	1.116	4480	80.9	18.1	16.8	21.0
2	Cover Slab-2	75.47	100.55	1.122	4473	82.3	18.4	17.1	21.4
3	Cover Slab-3	75.54	100.54	1.118	4481	81.5	18.2	16.9	21.1

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Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	CP-2019-02-11-22 **Date: 18-09-2018**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Gandhinagara and Surrounding Areas in Ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.Krishna Construction Prop.C.Hemaganesh No:13/1 Attur Layout, 6th Cross, Santhosh Nagara Yelahanka Bangalore-64
Customer's Reference	:	EE(YNK.D)E-PMT-19/WO/38/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	14-09-2018
Sample Type /Size	:	Precast Cover Slab
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	14/09/2018

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	165.51	200.48	2.116	21511	142.9	6.6	6.2	7.7
2	Cover Slab-2	165.49	200.52	2.122	21506	143.3	6.7	6.2	7.7
3	Cover Slab-3	165.50	200.51	2.118	21508	141.5	6.6	6.1	7.6

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